

Canon PowerShot S100 Digital Camera



Sleek and Serious

The PowerShot S100 is a sophisticated pocket-friendly point-and-shoot digital camera that has the power advanced users and enthusiasts need to create standout images. As with other PowerShot cameras, the compact PowerShot S100 incorporates all of the advanced Canon technologies that make capturing superb photos and video as easy as pressing a button. Yet, when it's time to get creative, the very same camera in the hands of a skilled photographer can produce stunning images that would be at home in a gallery. As automatic or manual as you need it to be, the PowerShot S100 is, at once, a pocket camera and a serious photographic tool, impressing even demanding pros. It incorporates the Canon HS SYSTEM, now featuring the new DIGIC 5 Image Processor for enhanced image quality and amazing low-light performance. The fast f/2.0 lens helps you tackle unfavorable lighting and capture breathtaking portraits with beautiful, shallow depth-of-field. 12.1 Megapixels ensure crisp, richly detailed images, and a 5x Optical Zoom provides an excellent all-around range to shoot near or far.

Smart AUTO <small>32 SCENES</small>	HQ <small>High-speed Burst HQ</small>	GPS	OPTICAL IMAGE STABILIZER
 UA Lens	PureColor <small>SYSTEM LCD</small>	 Control Ring	 Movie Digest
	 Handheld Night Scene	HDR <small>High Dynamic Range</small>	
		 Face Detection AF/AE/FE/WB	 Advanced Subject Detection
Tracking AF	 Motion Detection Technology	 Intelligent Contrast Correction	 Red-eye Correction
 Blink Detection		 Super Slow Motion Movie	 VIDEO STEREO SOUND
 Creative Filter	Movie Button	HDMI™ <small>HIGH DEFINITION MULTIMEDIA INTERFACE</small>	
			

Features

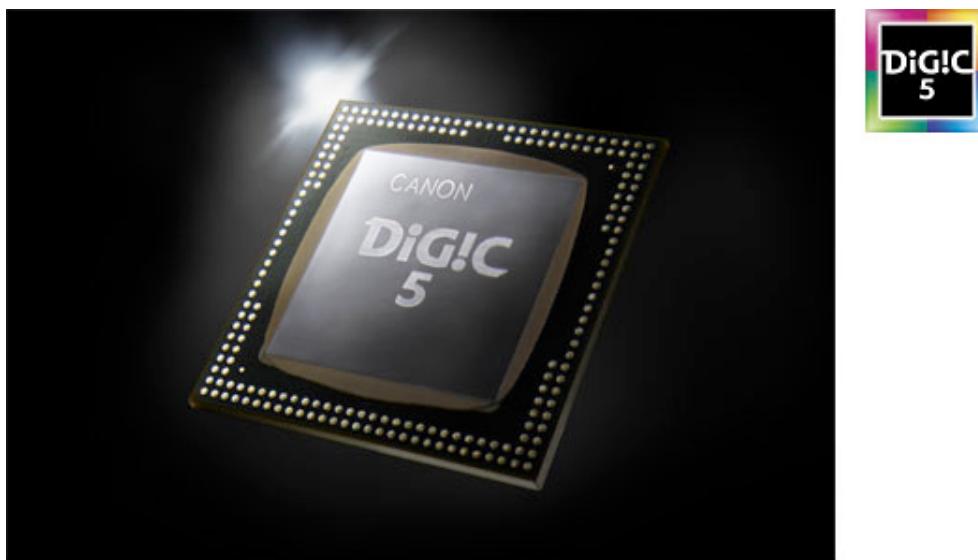
- **12.1 Megapixel CMOS sensor combined with the new DIGIC 5 Image Processor creates the Canon HS SYSTEM for improved low-light performance up to ISO 6400 and enhanced image quality.**
- **Capture stunning Full HD 1080p video in stereo sound with a dedicated movie button; zoom while shooting and play back videos on an HDTV via the HDMI output.**
- **5x Optical Zoom with 24mm wide angle allows you to capture more in your frame, and a bright f/2.0 lens makes it ideal for low-light conditions or using shallow depth-of-field for dramatic, soft backgrounds.**
- **Intelligent IS automatically chooses from six different modes to optimize image stabilization for the shooting condition.**
- **High-Speed Burst HQ allows for continuous capture at a maximum of 8 frames* while maintaining superb image quality and Super Slow Motion Movie records video at high speeds to allow playback in slow motion.**
- **Full range of shooting and recording modes including RAW + JPEG for the ultimate creative control, and a control ring for intuitive manual adjustment.**
- **Built-in GPS tracker records your location, and a logger allows easy viewing of the locations on a map to help you remember where images were taken.**
- **Large 3.0-inch wide LCD enables easy viewing.**
- **Additional Features.**

*The continuous shooting speed is approx. 9.6 fps.

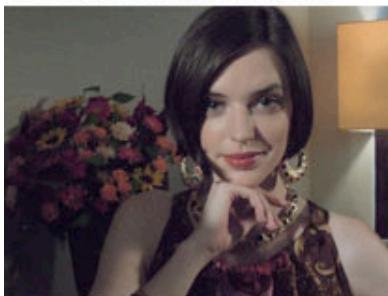
Experience the Power

Canon DIGIC 5 Image Processor

The latest-generation Canon DIGIC 5 Image Processor brings phenomenal increases in processing speed and power. Improved chip architecture and algorithms deliver greatly expanded functionality with further refinement in image quality. Improved noise reduction produces clearer images when shooting in low light at high ISO speeds. Enhanced i-Contrast performance adjusts differences between light and dark areas to achieve even more natural-looking results. The faster processing speed also results in faster continuous shooting capability while maintaining full image quality. The DIGIC 5 Image Processor also makes possible a new, highly advanced automatic white balance system. Whereas conventional white balance makes an overall adjustment based on a single type of light source, the new Canon Multi-Area White Balance analyzes several areas of the image to determine whether different adjustments are needed, for example, for the main subject and the background.



Advanced Noise Reduction



Conventional Image Processor



With DIGIC 5 Image Processor

Advanced White Balance



Conventional Image Processor



With DIGIC 5 Image Processor

Canon CMOS Sensor

The PowerShot S100 digital camera employs a new Canon 12.1 Megapixel CMOS sensor. Inheriting much of the advanced technology developed for Canon EOS DSLR cameras, this sensor delivers state-of-the-art imaging performance and is optimized for use in compact cameras, such as the PowerShot S100. Utilizing a sophisticated light-capturing design, it provides high sensitivity for improved high ISO capture without increased noise. It is also a high-speed design, capable of rapidly capturing and moving image data to the processor, enabling faster continuous shooting and faster autofocus.

Canon HS SYSTEM

The Canon HS SYSTEM lets you take bright, clear photos in an even wider range of shooting situations. Beautiful low-light shots are possible with minimal noise and maximum detail in highlight and shadow areas. The system is the result of two technologies brought together in PowerShot cameras: a high-sensitivity imaging sensor, which is able to capture more light; and the DIGIC Image Processor, which actively reduces noise with high-speed image processing. The 12.1 Megapixel Canon CMOS sensor in the PowerShot S100 incorporates advanced light reception technology that enhances sensitivity. The new DIGIC 5 Image Processor provides a major boost in noise reduction, expanding the usable ISO range to an amazing high of ISO 6400. The Canon HS SYSTEM thus lets you use higher shutter speeds to capture clearer images with reduced noise and blur.

Memorable Moments in Spectacular Full HD

Canon Full HD Video Advantage

In addition to the Canon HS SYSTEM, the combination of the advanced CMOS sensor and DIGIC 5 Image Processor in the PowerShot S100 makes it possible to shoot crisp, clear high definition video. Imagine the fun and excitement of being able to shoot spectacular 1080p Full HD video with stereo sound that you can later watch on your HDTV or download to your computer to share with family and friends. In addition to being able to shoot Full HD 1080p video at 24* frames per second, the PowerShot S100 can also shoot 720p HD video at 30** frames per second.



*Actual frame rate is 23.976 fps.

**Actual frame rate is 29.97 fps.

Dedicated Movie Button, Wind filter feature and Optical Zoom for easy video capture

It's never been easier to shoot videos with a PowerShot digital camera. The PowerShot S100 has a dedicated movie button that lets you start and stop recording instantly. There is no need to go through layers of menus or operate switches or dials to switch to and from video recording mode. The camera is always ready to shoot stills or video whenever you want. The PowerShot S100 also incorporates an electronic wind filter, which suppresses wind noise that can muffle or distort the sound. And unlike less sophisticated point-and-shoot cameras, the PowerShot S100 lets you use the full range of optical zoom when you're shooting a video.



HDTV Playback via HDMI with CEC Support

It's easy to enjoy and share the videos you shoot with the PowerShot S100. Simply connect its HDMI terminal to your HDTV using an HDMI cable (included). And because the PowerShot S100 supports HDMI-CEC technology, you'll be able to control the playback of your images and videos on any CEC-enabled HDTV using the TV's remote control. (CEC – Consumer Electronic Control – is part of the HDMI specification, enabling components in a system to communicate with one another.)



iFrame Movie Support

With the PowerShot S100, you can also shoot video in the Apple™ iFrame format, which is a computer-friendly standard that speeds up importing and editing of videos. It keeps file sizes small, making it more convenient to upload or e-mail high-quality videos. The iFrame format enjoys native support in compatible Mac and Windows video applications, making it unnecessary to perform time-consuming and often quality-degrading conversions.



Outstanding Optics for Impeccable Image Quality

5x Optical Zoom and 24mm Wide-Angle Lens

The PowerShot S100 features a 5x Optical Zoom that will appeal to enthusiasts and casual shooters alike. The zoom range starts at 24mm (35mm equivalent) at full wide-angle, providing the coverage needed to capture indoor group photos, tall buildings, and dramatic landscapes. Full telephoto is 120mm (35mm equivalent), providing a versatile range that includes focal lengths perfect for portraits and close-ups.



1x Optical Zoom



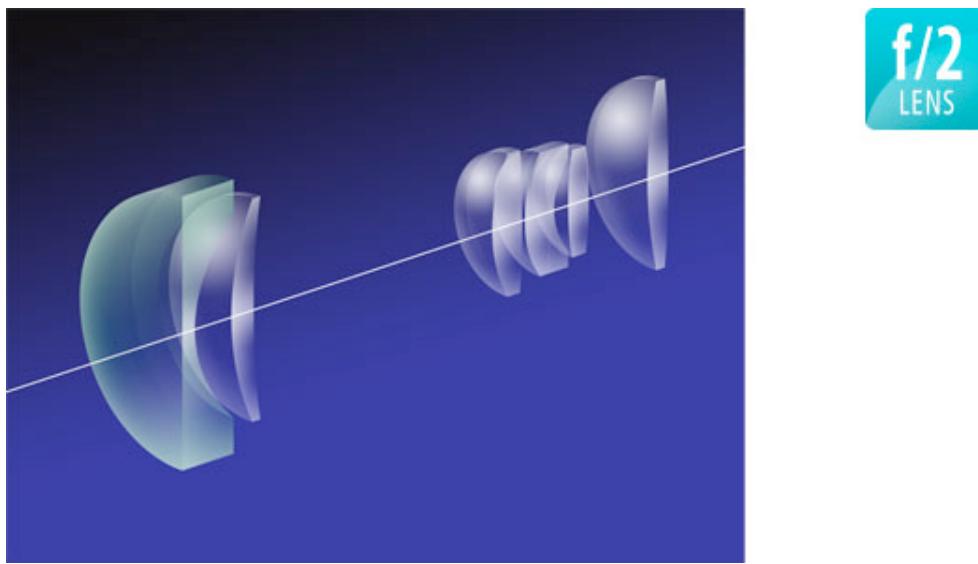
5x Optical Zoom





Bright f/2.0 Lens

A fast f/2.0 maximum lens aperture enhances the camera's ability to capture excellent images in low light, but it also does more. You can shoot professional-looking portraits by taking advantage of shallow depth-of-field to impart a pleasing blur to the background. The large aperture also lets you capture more nuances in dimly lit scenes by making better use of the available light.



A Steady Image Is a Beautiful Image

Intelligent IS

The latest advance in Canon Optical Image Stabilization technology, Intelligent IS analyzes camera movement and applies the best shake correction method for the shooting situation. For stills, the system automatically selects among Normal, Panning, Macro (Hybrid) and Tripod IS modes. When shooting video, the system automatically selects among Dynamic, Powered, Macro and Tripod IS modes. With Intelligent IS, you can concentrate on image capture, letting the camera make the most effective IS settings to assure the steadiest possible image.

 Normal Corrects for a wide range of camera movement when shooting stills.	 Panning Panning motion is detected so that IS does not interfere with desired camera movement.	 Hybrid Corrects for shift-type camera shake, which typically occurs in macro (close-up) shooting.
 Dynamic Effective for video shooting at wide-angle focal lengths, eliminating the unwanted shaking that typically occurs while walking.	 Powered Compensates for hand movement when shooting video at the telephoto end of the zoom range, where camera shake is magnified.	 Tripod When tripod use is detected, the Image Stabilizer is stopped because it is not needed.

Versatile Still and Video Shooting Options

High-Speed Burst HQ

Utilizing the increased processing speed and power of the new Canon DIGIC 5 Image Processor, High-Speed Burst HQ makes it possible to capture fast action stills at full resolution during continuous shooting. The results are exceptionally high-quality images recorded in rapid sequence. In this mode, the PowerShot S100 can capture a maximum of 8 shots in a single burst.*

*The continuous shooting speed is approx. 9.6 fps.

Shooting Modes

PowerShot cameras offer shooting modes that make it easy to take perfect photos in a wide range of shooting situations by providing intelligent presets with optimized settings.

Shooting Modes/Special Scene Modes

 Custom Define and store your own settings to achieve the effects you prefer.	 Manual You have complete control of exposure, selecting both aperture and shutter speed manually.	 Aperture-Priority You set the aperture, controlling depth-of-field. The camera automatically selects the shutter speed.
 Shutter-priority You select the shutter speed to stop or blur action, and the camera finds the appropriate aperture. With slow exposure times, Canon's noise reduction system activates to ensure low image noise.	 Program Access advanced exposure compensation features while shooting mostly automatically.	 Smart AUTO The camera automatically selects the best shooting settings for optimal quality based on subjects and environmental factors to provide point-and-shoot simplicity.

 <p>Movie Digest Records a video clip before capturing a still image and then combines one day's worth of clips into a video.</p>	 <p>Portrait The camera sets a large aperture, focusing the subject and artistically blurring the background to make your subject "pop."</p>	 <p>Landscape Increases depth-of-field for sharp and sweeping landscape shots.</p>
 <p>Kids & Pets Reduced focusing time freezes fast-moving subjects, so you won't miss those special shots.</p>	 <p>Smart Shutter The camera automatically takes the photo when people smile, wink, or get into frame.</p>	 <p>High-Speed Burst HQ Captures fast-action shots at full sensor resolution, by shooting continuously when the shutter button is held down.</p>
 <p>Handheld Night Scene Take clear and steady pictures at night without the use of a tripod.</p>	 <p>Beach Get clear shots of people at a sunny beach without darkened faces.</p>	 <p>Underwater Capture underwater images with reduced backscatter effect. Optional Underwater Case required.</p>
 <p>Foliage Capture brilliant shots of autumn foliage, greenery and blossoms.</p>	 <p>Snow Shoot clear snow scenes without darkened subjects or an unnatural bluish tint.</p>	 <p>Fireworks Grab brilliant images of skyrocketing fireworks.</p>

 <p>Stitch Assist Easy-to-use guidelines simplify the shooting of aligned multiple frames that can later be combined (using bundled software) to create panoramic photos.</p>	 <p>Creative Filters This setting provides easy access to special filter effects and scene modes, such as Toy Camera Effect, Poster Effect, Monochrome and more.</p>	 <p>High Dynamic Range The camera combines three different exposures to get one evenly lit image.</p>
 <p>Nostalgic Create the look and feel of old photographs using sepia tones and black-and-white.</p>	 <p>Fisheye Effect Add a classic photo distortion without a fisheye lens.</p>	 <p>Miniature Effect for Movies & Stills Emphasizes perspectives for a miniature effect by blurring upper and bottom portions of the image.</p>
 <p>Toy Camera Effect Simulates photos taken with "toy" or pinhole cameras, darkening the image at the edges to create a vignette effect.</p>	 <p>Monochrome Choose from three single-tone effects: Black-and-White, Sepia, or Blue.</p>	 <p>Super Vivid Super Vivid intensifies existing hues, saturating the scene with bright colors.</p>

 <p>Poster Effect Poster Effect combines several similar shades into one color, turning subtle gradations into eye-catching, scene-popping contrasts.</p>	 <p>Color Accent Choose to retain a single color in your image while other colors turn monochrome.</p>	 <p>Color Swap Select a color and replace it with a color you specify for special effects.</p>
 <p>Movie Record video in stereo sound. Unwanted scenes can be deleted in playback mode.</p>	 <p>iFrame Movie The Apple® movie format, iFrame, makes it easier and quicker to import and upload videos while retaining high image quality.</p>	 <p>Super Slow Motion Movie Record your clips in high speed (approx. 240 fps), and then watch your videos in slow motion.</p>

Movie Digest

Creating a video* containing highlights of a family vacation or an important occasion is a lot easier than you might think. When you use Movie Digest on the PowerShot S100, the camera will automatically record a short video clip (up to approximately 4 seconds) every time you shoot a still image. That entire day's worth of clips will then be automatically combined into a single video. Movie Digest does all the work, so you can sit back and enjoy your video!

How does this work? When you activate Movie Digest, the camera continuously records a "loop" of video up to 4 seconds long into an area of the memory card reserved for this feature. Every time you take a still photo, the video clip residing in memory at that time is appended to a file that will eventually become the day's highlights video. The following day, the camera will start a new video file. Movie Digest does not affect regular video shooting, so you can use it and still switch between still and video capture as desired.

Although the beauty of Movie Digest is the ease with which you can create a video of the day, you can, if you wish, edit the created videos on your computer. Version 6.8 or later of the included ZoomBrowser EX (for Windows) and ImageBrowser (for Mac OS) software lets you freely select and delete unwanted scenes from your Movie Digest videos.

*Movie Digest videos are recorded at VGA resolution and 30 fps.

High Dynamic Range

In High Dynamic Range, the camera will shoot three different exposures in succession and then merge them together to produce a spectacular image with highly detailed shadow and highlight areas.

Miniature Effect for Movies

Emphasizes perspective for a miniature effect by blurring upper and bottom portions of videos and stills.

Super Slow Motion Movie

Record your clips in high speed (approx. 240 fps), and then watch your videos in slow motion.

Actual results may vary from examples shown above.

Final image may vary depending on picture composition.

Take Control of Your Photography

Full Range of Shooting and Recording Modes Including RAW + JPEG

The PowerShot S100 lets you shoot in RAW mode, which captures images that are uncompressed and essentially unprocessed by the camera. Often the choice of advanced photographers, RAW images can be processed in your computer using Canon DPP (Digital Photo Professional) or other compatible third-party software. Creative control is completely in your hands as you adjust a wide range of variables to produce exactly the final image you want. The camera can also be set to allow the simultaneous recording of both RAW and JPEG images while shooting.



Control Ring

Focus, Exposure, ISO, Step Zoom, or White Balance can now be adjusted more quickly and conveniently with the PowerShot S100's control ring. Located at the base of the lens barrel, the ring is more intuitive than other types of controls for many experienced photographers. The functions that can be assigned to the control ring vary with shooting mode, and you can set your preferences quickly using the dedicated ring function selector button.



The Ideal Traveling Companion

GPS Technology

The PowerShot S100 digital camera is equipped with Global Positioning System (GPS)* technology. Now you can travel the world and let the camera automatically record the locations and local times of your stills and videos. The camera can also use the GPS unit to automatically set the exact time. You can maximize the usefulness of the GPS feature by using the special bundled Map Utility software that makes it fun to share the memories of your world adventures. In addition to displaying all your photos' locations on a world map, the camera's GPS system can also track your route from photo to photo – a great way to visualize each trip! You can also create and share custom maps and personal mini-travel guides with friends and family members.



*In certain countries and regions, the use of GPS may be restricted. Therefore, be sure to use GPS in accordance with the laws and regulations of your country or region. Be particularly careful when traveling outside your home country.

As a signal is received from GPS satellites, take sufficient measures when using in locations where the use of electronics is regulated.

This software uses Google Maps for displaying maps.

See Everything Brilliantly

PureColor System LCD

The PowerShot S100 digital camera's large and bright 3.0-inch PureColor LCD screen makes it easy to view and frame your shots in high resolution (461,000 dots). PureColor technology delivers excellent contrast with rich, true-to-life color. Moreover, you can view the LCD screen over a surprisingly wide angle – above, below or to either side – without color shifts and with minimal reflections. A scratch-proof hard coating and a dust-repellent fluorine coating ensure a durable screen that dependably displays clear, vibrant images.



*PureColor
System LCD*

Easier, More Enjoyable Photography

Face Detection Technology & Smart Shutter

Face Detection technology makes it easy for you to take great photos of people. The camera will automatically detect the face(s) in a frame to give it optimal focus, exposure, flash (if needed) and white balance. Smart Shutter adds fun and convenience to Face Detection because you can set the camera to release the shutter when someone winks, smiles or even enters the frame.



Without Face Detection Technology

With Face Detection Technology



Smile Self-Timer



Wink Self-Timer



Face Detection Self-Timer

Special Scene Modes

Special Scene Modes have fun and creative filters you can add to your photos without having to use a computer. You can make a quirky portrait using a Fisheye Lens Effect or add a beautiful single-tone effect with Monochrome. Toy Camera Effect simulates a vintage look as if capturing the photo using a “toy” or pinhole camera.



 **Fisheye Effect**



 **Monochrome**



 **Toy Camera Effect**

Best Image Selection

Best Image Selection* is an easy way to get great results almost every time you take a picture. When you press the shutter release, the camera will rapidly shoot a series of five images, then assess the images for any unwanted facial movements and camera shake. Out of the five images, the camera will select and save the best one.



*Detects sudden facial movements
and camera shake.*



*The camera intelligently selects and saves
the best image out of the series.*



*Image resolution is 1984 x 1488 pixels when shooting with Best Image Selection.

Available in 27 Languages

With the new addition of Hindi, there are a total of 27 display languages from which you can choose: English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified/Traditional Chinese, Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Romanian, Ukrainian, Farsi and Hindi.

Specifications

Type of Camera	
Type	Compact digital camera with built-in flash, 5x Optical / 4x Digital (not w/ RAW or Widescreen) / 20x Combined Zoom with Optical Image Stabilizer System
Image Capture Device	
Type	12.1 Megapixels, 1/1.7-inch CMOS sensor
Total Pixels	Approx. 13.3 Megapixels
Effective Pixels	Approx. 12.1 Megapixels
Lens	
Focal Length	5.2 (W) – 26.0 (T) mm (35mm film equivalent: 24–120mm)
Digital Zoom	
Focusing Range	Auto & Manual Focus: 1.2 in (3 cm) – infinity (W), 12 in (30 cm) – infinity (T) Normal AF: 2.0 in. (5 cm) – infinity (W), 12 in. (30 cm) – infinity (T) Macro: 1.2 in. (3 cm) – 1.6 ft. (50 cm) (W), 12 in. (30 cm) – 1.6 ft. (50 cm) (T)
Autofocus System	TTL Autofocus, Manual*
	*Shooting standby only in movie mode.
Viewfinder & Monitor	
Viewfinder	Not Available
LCD Monitor	3.0-inch TFT Color with wide viewing angle
LCD Pixels	Approx. 461,000 dots
LCD Coverage	100%
Aperture & Shutter	
Maximum Aperture	f/2.0 (W) – f/5.9 (T)
Shutter Speed	1–1/2000 sec. 15–1/2000 sec. (Total Shutter speed range)
Exposure Control	
ISO Sensitivity	Auto, ISO 80/100/125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/ 2500/3200/4000/5000/6400 (in P Mode)
Light Metering Method	Evaluative*, Center-weighted average, Spot** * Facial brightness is also evaluated in Face Detect AiAF ** Metering frame is fixed to the center/linked to AF frame
Exposure Control Method	Program AE, i-Contrast, Manual; AE Lock, Program Shift, Safety Shift, Auto ISO Shift
Exposure Compensation	±3 stops in 1/3-stop increments
White Balance	
White Balance Control	Auto*, Day Light, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom * Facial color is evaluated in Face AiAF (Face Detect WB).
Flash	
Built-in Flash	Auto, Auto w/ Red-eye Reduction, Flash On, Flash On w/ Red-eye Reduction, Flash Off; FE lock, Safety FE, Slow Synchro
Flash Range	1.6 – 23 ft. (W), 1.6 – 7.5 ft. (T) (50 cm – 7.0 m (W), 50 cm – 2.3 m (T))
Recycling Time	10 seconds or less (battery voltage: 3.7 V)
Flash Exposure	±2 stops in 1/3-stop increments

Compensation	
Shooting Specifications	
Shooting Modes	<p>C, M, Av, Tv, P, Auto^{*1}, SCN^{*2}, Creative Filters^{*3}, Movie^{*4}</p> <ul style="list-style-type: none"> • Shooting videos are possible with the movie button <p>^{*1} Smart AUTO, also available for videos ^{*2} Movie Digest, Portrait, Landscape, Kids & Pets, Smart Shutter^{*5}, High-Speed Burst HQ, Handheld Night Scene, Beach, Underwater, Foliage, Snow, Fireworks, Stitch Assist ^{*3} High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap ^{*4} Standard, iFrame Movie, Super Slow Motion Movie ^{*5} Smile, Wink Self-timer, Face Self-timer</p>
My Colors	My Colors Off, Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom
Self-Timer	<p>Approx. 10-sec. delay, approx. 2-sec. delay, custom*</p> <p>*Delay time (0–10 sec. (in one-second increments), 20/25/30 sec.) and number of shots (1–10 shots (in one-shot increments)) can be specified.</p>
Wireless Control	Not available
Continuous Shooting	<p>Approx. 2.3 shots/sec. (in P mode) Approx. 9.6 shots/sec. (in High-Speed Burst HQ)*</p> <ul style="list-style-type: none"> • Maximum of 8 continuous shots per burst • Under conditions where the flash does not fire automatically. • Differs depending on the zoom position.
Image Storage	
Storage Media	SD/SDHC/SDXC Memory Cards and Eye-Fi
File Format	Design rule for Camera File system, DPOF (Version 1.1) compliant
Image Compression	Normal, Fine
JPEG Compression Mode	Still Image: Exif 2.3 (JPEG) RAW (CR2 Canon Original); Video (MOV (Image: H.264; Audio; Linear PCM (Stereo)))
Number of Recording Pixels	<p>[16:9] Large: 4000 x 2248 Medium 1: 2816 x 1584 Medium 2: 1920 x 1080 Small: 640 x 360</p> <p>[3:2] Large: 4000 x 2664 Medium 1: 2816 x 1880 Medium 2: 1600 x 1064 Small: 640 x 424</p> <p>[4:3] Large: 4000 x 3000 Medium 1: 2816 x 2112 Medium 2: 1600 x 1200 Small: 640 x 480</p>

	RAW: 4000 x 3000
	[1:1] Large: 2992 x 2992 Medium 1: 2112 x 2112 Medium 2: 1200 x 1200 Small: 480 x 480
	[4:5] Large: 2400 x 3000 Medium 1: 1696 x 2112 Medium 2: 960 x 1200 Small: 384 x 480

Number of Recordable Images

		16:9			3:2			4:3		
		File Size (KB)	4 GB	16 GB	File Size (KB)	4 GB	16 GB	File Size (KB)	4 GB	16 GB
Large (L)	F	2311	1630	6677	2738	1386	5680	3084	1231	5042
	N	1105	3352	13727	1309	2873	11766	1474	2514	10295
Medium 1 (M1)	F	1210	3094	12671	1436	2623	10743	1620	2320	9503
	N	585	6034	24709	694	5247	21486	780	4641	19007
Medium 2 (M2)	F	604	6034	24709	496	7099	29070	558	6352	26010
	N	300	10972	44927	246	13410	54911	278	12069	49420
Small (S)	F	113	24139	98840	133	20116	82367	150	20116	82367
	N	63	40233	164734	75	30174	123550	84	30174	123550
RAW	RAW	N/A	N/A	N/A	N/A	N/A	N/A	17076	224	922
	+JPEG	N/A	N/A	N/A	N/A	N/A	N/A	20160	190	678

		1:1			4:5		
		File Size (KB)	4 GB	16 GB	File Size (KB)	4 GB	16 GB
Large (L)	F	2301	1652	6769	1850	2045	8375
	N	1100	3352	13727	884	4161	17041
Medium 1 (M1)	F	1210	3094	12671	972	3771	15443
	N	585	6034	24709	470	7543	30887
Medium 2 (M2)	F	420	8046	32946	336	10057	41183
	N	208	15087	61775	167	17242	70600
Small (S)	F	113	24139	98840	90	30174	123550
	N	63	40233	164734	51	40233	164734
RAW	RAW	N/A	N/A	N/A	N/A	N/A	N/A
	+JPEG	N/A	N/A	N/A	N/A	N/A	N/A

Note: N=Normal F=Fine

Storage Capacity varies depending on camera settings. This data is estimated from Canon's standard shooting conditions. Figures for Movie Mode represent total capacity of the particular media.

Video Data

	Standard & Other Video Formats			iFrame Movie
	Full HD: 1920 x 1080	HD: 1280 x 720	640 x 480	HD: 1280x 720
	24 fps	30 fps	30 fps	30 fps
Movie Size (KB/sec.)	4355	3054	1416	4701
4 GB	14 min. 34 sec.	20 min. 43 sec.	43 min. 43 sec.	13 min. 35 sec.
16 GB	59 min. 40 sec.	1 hr. 24 min. 54 sec.	2 hr. 59 min. 3 sec.	55 min. 38 sec.

	Super Slow Motion Movie		Miniature Effect					
	640 x 480	320 x 240	HD: 1280 x 720			VGA: 640 x 480		
	120 fps	240 fps	5x	10x	20x	5x	10x	20x
Movie Size (KB/sec.)	4914	2457	573	287	143	246	123	61
4 GB	12 min. 58 sec.	25 min. 46 sec.	1 hr. 45 min. 52 sec.	3 hr. 21 min. 9 sec.	5 hr. 35 min. 16 sec.	3 hr. 43 min. 30 sec.	6 hr. 42 min. 20 sec.	11 hr. 10 min. 33 sec.
16 GB	53 min. 7 sec.	1 hr. 45 min. 35 sec.	7 hr. 13 min. 30 sec.	13 hr. 43 min. 40 sec.	22 hr. 52 min. 47 sec.	15 hr. 15 min. 11 sec.	27 hr. 27 min. 20 sec.	45 hr. 45 min. 35 sec.

- The approximate recording time on memory cards other than the above can be calculated by using the above figures as a reference and extrapolating accordingly.

Playback Specifications	
Playback Modes File	Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Category, Transition Effects, Histogram, Index (4–100 thumbnails*), Over Exposure Warning, Slide Show, Red-eye Correction, Trimming, Resize, Image Inspection Tool, i-Contrast; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume

	*As viewed in LCD monitor
Erasing Specifications	
Erase Mode	Still Image: single image, all images Movie: part of movie, all of movie
Interfaces	
Video Out	NTSC/PAL
Audio Out	Stereo
Other	Memory card slot; direct connection to Canon and SELPHY Compact Photo Printers, PIXMA Photo Printers and PictBridge-compatible printers via camera's USB 2.0 Hi-Speed cable
Power Supply	
Power Source	Rechargeable Battery Pack NB-5L Compact Power Adapter CA-DC10 (included with AC Adapter Kit ACK-DC30)
Shooting Capacity	Still Image: 200
Playback Time	Approx. 4 hours
Physical Specifications	
Operating Temperature	32–104°F (0–40° C)
Operating Humidity	10–90%
Dimensions (WxHxD)	3.90 x 2.34 x 1.05 in / 98.9 x 59.8 x 26.7 mm
Weight	Approx. 6.98 oz. (198 g) (including the batteries and memory card) Approx. 6.10 oz. (173 g) (camera body only)

Note: 27 display languages provided (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified/Traditional Chinese, Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Romanian, Ukrainian, Farsi, Hindi)

All data are based on Canon's Standard Test Method. Subject to change without notice.

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Supplies & Accessories



Battery Pack NB-5L



Battery Charger CB-2LX



AC Adapter Kit ACK-DC30



AV Cable AVC-DC400ST



High Power Flash HF-DC2



Mini-HDMI Cable HTC-100



USB Interface Cable IFC-400PCU



Waterproof Case WP-DC43



Leather Neck Strap PSN-100



Deluxe Leather Case PSC-900



Deluxe Leather Case PSC-3200

Sample Images



Shooting Mode: Program AE
Tv (Shutter Speed): 1/13
Aperture Value (Av): 4.5
Metering Mode: Evaluative
Exposure Compensation: -1/3
ISO Speed: 80
Lens: 5.2 – 26.0mm
Focal Length: 16.2mm
Digital Zoom: None
Image Stabilizer: On
Image Size: 4000 x 3000
Image Quality: Fine
Flash: Off
White Balance: Auto
AF Mode: Single AF
Parameters: Contrast: Normal
 Sharpness: Normal
 Color Saturation: Normal
File Size: 2763KB
Drive Mode: Self-timer Operation

What's in the Box

A photograph showing the contents of the camera box. It includes the PowerShot S100 camera, a blue battery pack, a silver battery charger, a white USB interface cable, a white digital camera solution CD-ROM, and a black strap.	<ul style="list-style-type: none">• PowerShot S100 Body• Battery Pack NB-5L• Battery Charger CB-2LX• Wrist Strap WS-DC11• USB Interface Cable IFC-400PCU• Digital Camera Solution CD-ROM
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